# MARCH 2015 ECOLOGICAL CONDITIONS UPDATE

## **Terrie Bates**

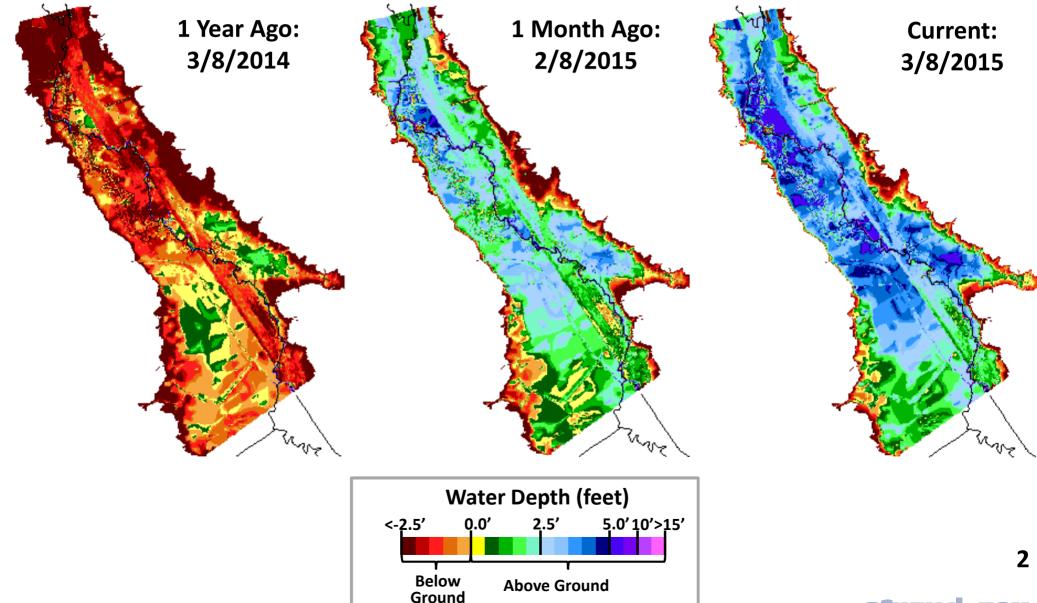
**Director, Water Resources Division** 

Governing Board Meeting March 12, 2015

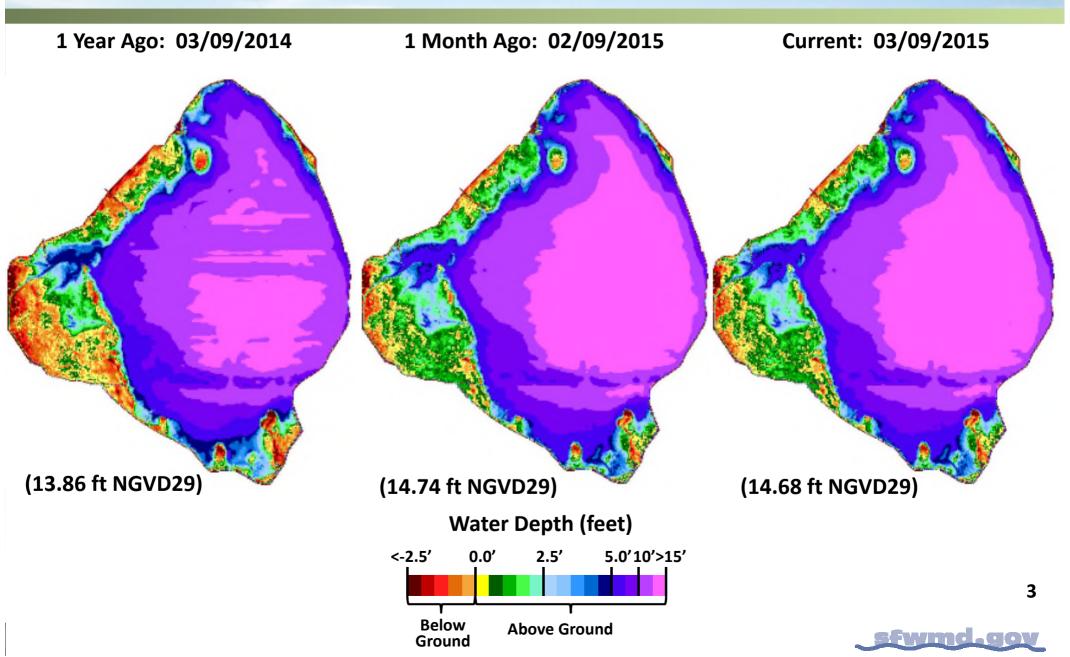
sfwmd.gov

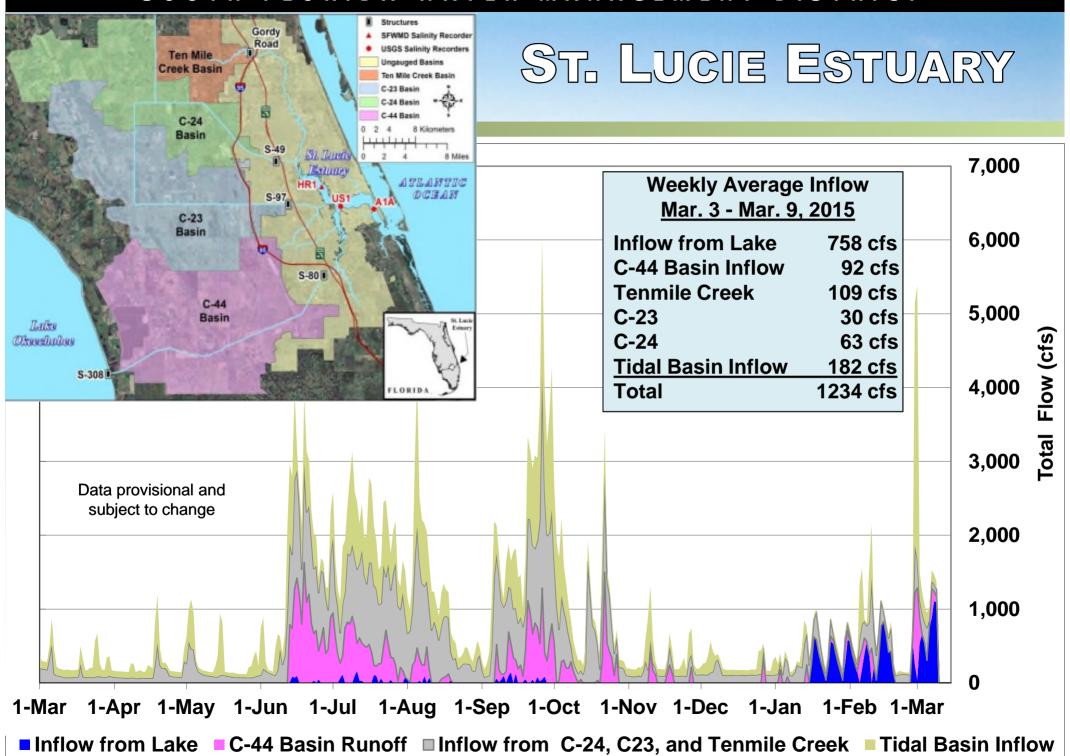
Photo: Big Cypress National Park

# KISSIMMEE RIVER (PHASE I RESTORATION AREA) MONTHLY WATER DEPTH MAPS



# LAKE OKEECHOBEE MONTHLY WATER DEPTH MAPS

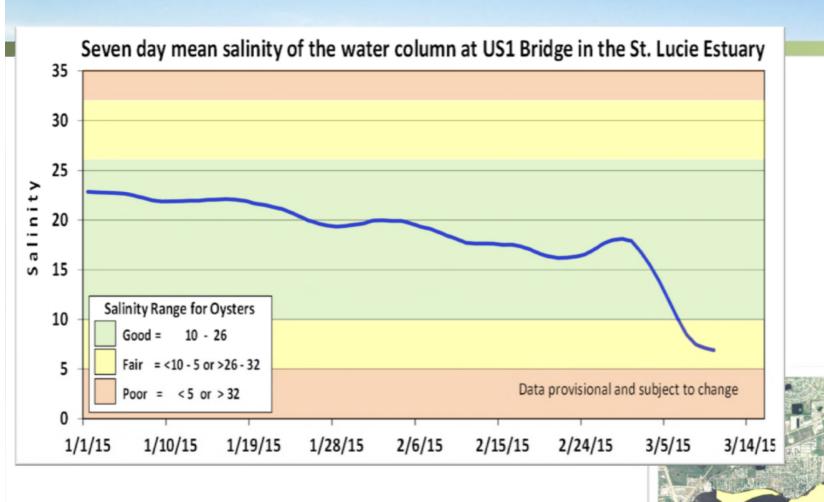




#### St. Lucie Estuary - Oysters

St. Lucie Estuary

> A1A Bridge

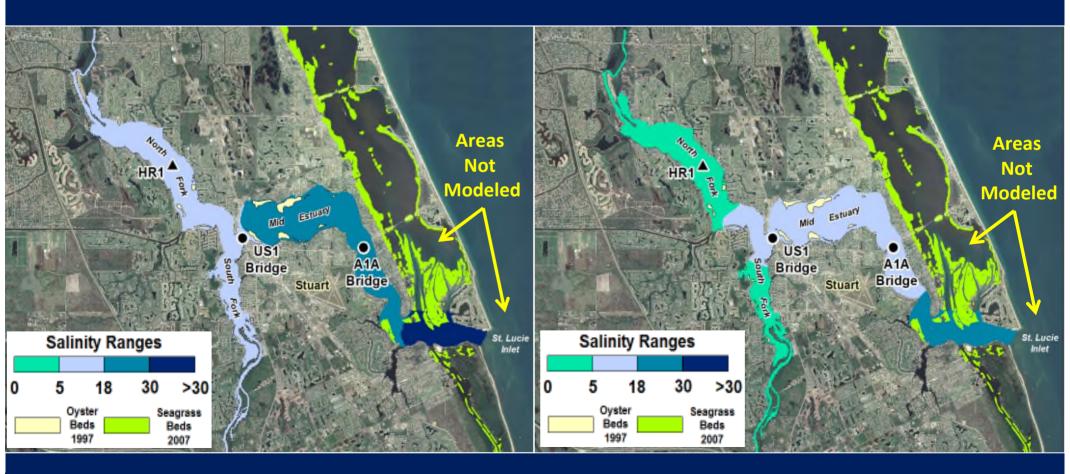


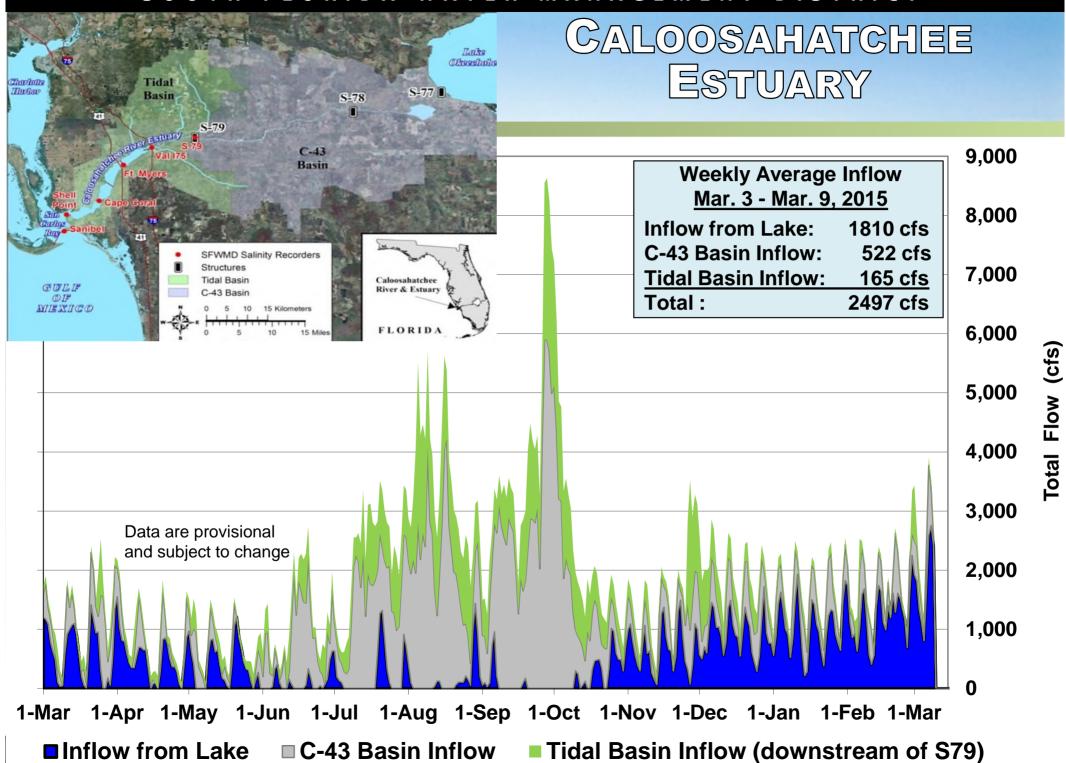
## St. Lucie Estuary

#### **Salinity Conditions**

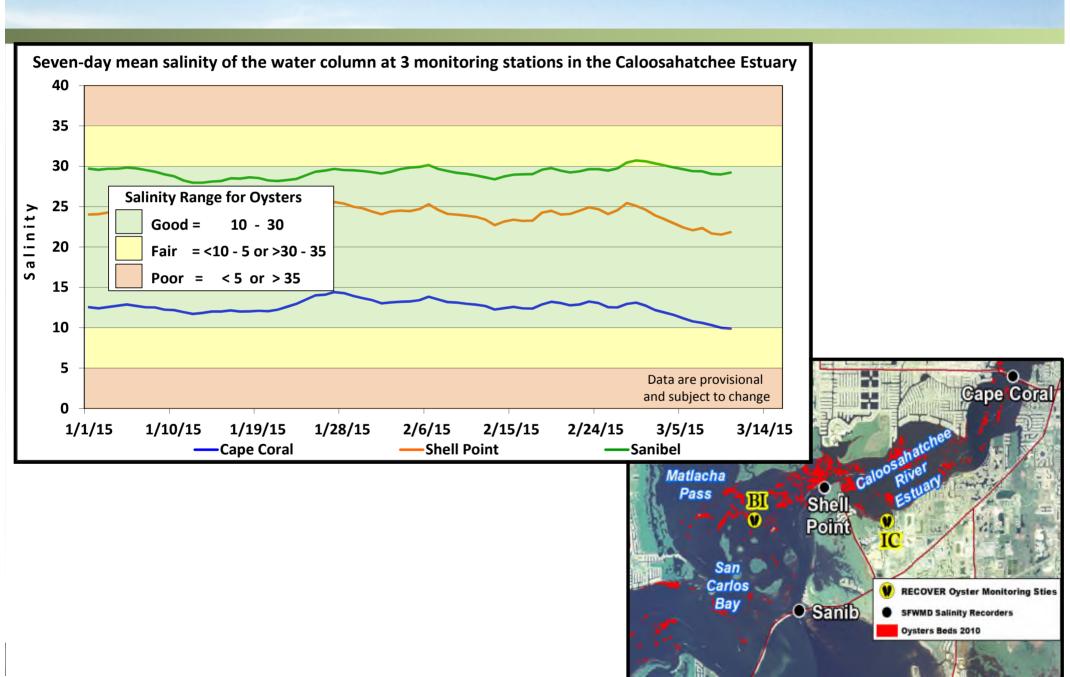
**February 9, 2015** 

March 9, 2015





#### CALOOSAHATCHEE ESTUARY - OYSTERS

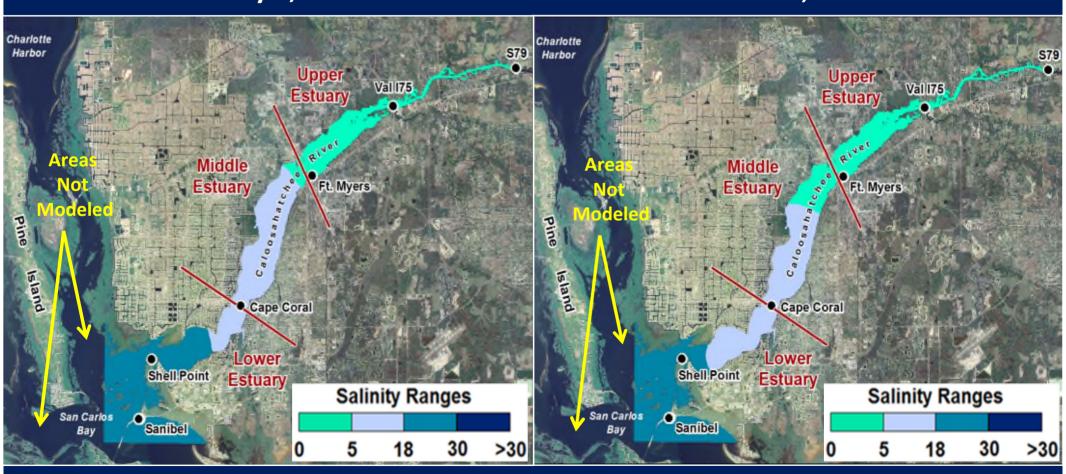


## CALOOSAHATCHEE ESTUARY

#### **Salinity Conditions**

**February 9, 2015** 

March 9, 2015



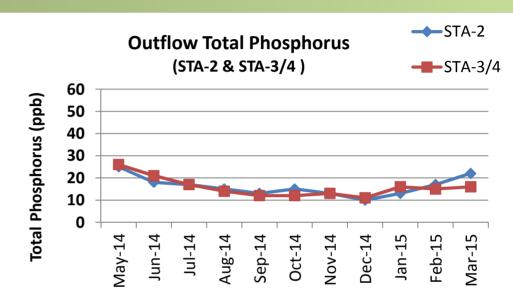
## STORMWATER TREATMENT AREAS (STAS) CURRENT CONDITIONS

- STAs treated ~508,000 ac-ft of Lake
   Okeechobee Regulatory Releases
   (5/1/14 3/10/15)
- Snail Kite nesting in STA-1E (5 nests)& STA-5/6 (3 nests) (3/7/15)
  - Restrictions on access & stage

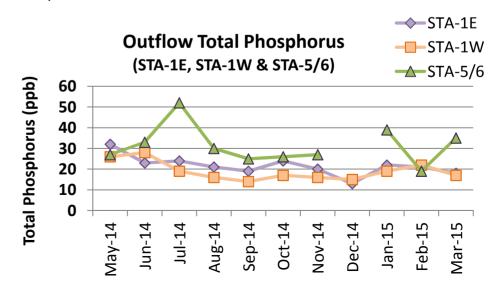
#### Water Year 2015

Running Total:			5/1/14 - 3/8/15		
	STA-1E	STA-1W	STA-2	STA-3/4	STA-5/6 <sup>a</sup>
Inflow TP (ppb)	165	157	73	70	228
Outflow TP (ppb)	20	19	15	14	31
Inflow Volume (ac-ft)	100,615	132,045	471,767	420,722	65,807
Flows from Lake Okeechobee	49,700	49,200	223,500	186,400	800

Based on Preliminary Data



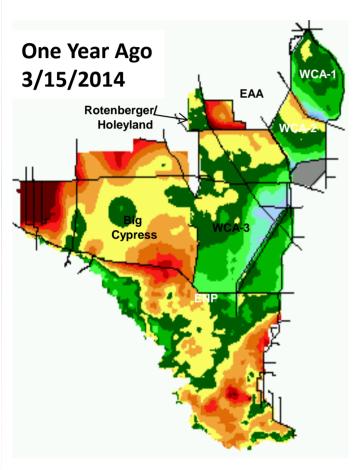
Only the 1st week of March 2015 is shown

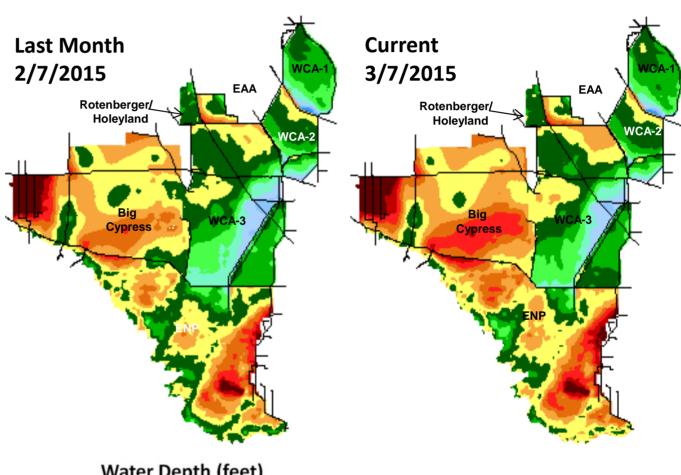


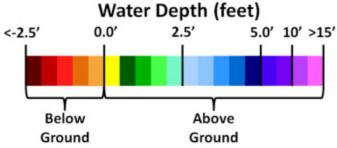
Only the 1st week of March 2015 is shown

<sup>&</sup>lt;sup>a</sup> = Lake Okeechobee flows to STA-5/6 were for water supply purposes.

# GREATER EVERGLADES MONTHLY WATER DEPTH MAPS

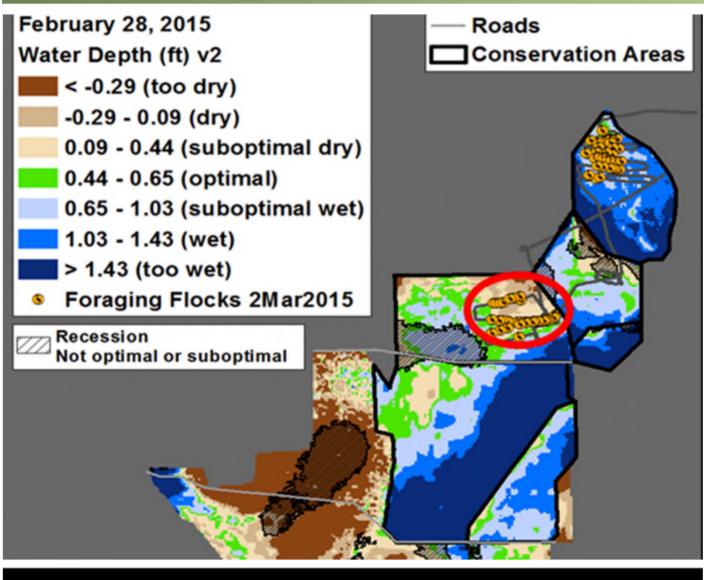


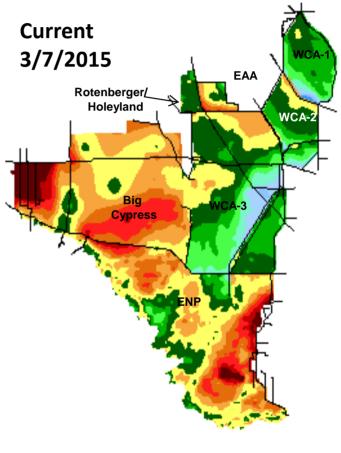




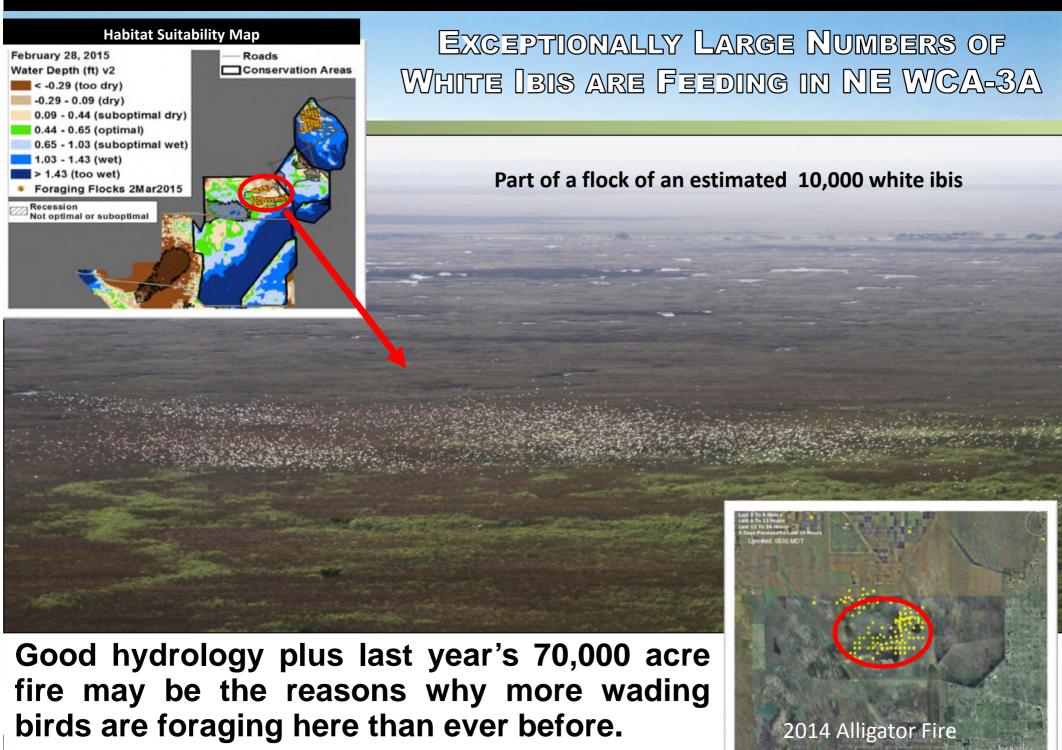


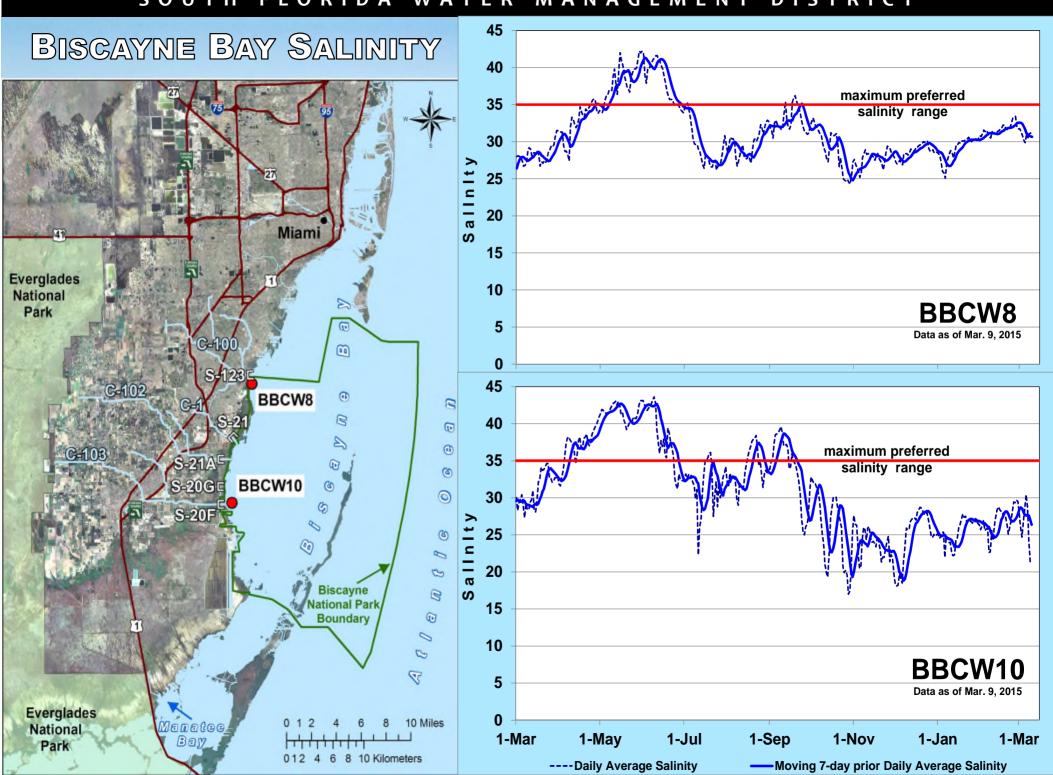
# GREATER EVERGLADES MONTHLY WATER DEPTH MAPS





**Habitat Suitability Map** 





### FLORIDA BAY SALINITY UPDATE

